

B1  
concl'd

08/202,505 filed February 28, 1994 (abandoned). This application also claims the priority of U.S. Patent Application Serial No. 08/971,521 filed November 17, 1997 which is a continuation of U.S. Patent Application Serial No. 08/689,459 filed August 9, 1996 (issued as U.S. Patent No. 5,689,111 on November 18, 1997), and which claims the priority of U.S. Provisional Application Serial No. 60/002,118 filed August 10, 1995, and U.S. Provisional Application Serial No. 60/002,122 filed August 10, 1995. The priority of all of the prior applications is claimed, and the disclosures of those applications are fully incorporated herein by reference.--

On page 3 line 13 ✓ change "spectrum" to --spectra--  
line 21 ✓ eliminate "hereby"

On page 4 line 2 ✓ change "the ion multipole ion guide" to --the multipole ion  
guide--  
line 10 ✓ change "which" to --that--  
line 11 ✓ delete the comma after "voltages"  
line 16 ✓ change "can in a stable trajectory" to --can, in stable trajectories,--

On page 5 line 2 ✓ change "could" to --can--  
line 8 ✓ change "as an ion traverses" to --as ions traverse--  
line 16 ✓ change "multipole in guide" to --multipole ion guide--

On page 6 line 7 change "U is the DC voltage component amplitude, V is the  
primary AC or RF component frequency" to ~~U~~ U is the applied  
voltage amplitude, V is the applied primary AC or RF frequency-

B2

line 18 ✓ delete the word "component"  
line 19 ✓ change "voltage component set to zero the" to --voltage set to  
zero, the--

On page 7 line 8 ✓ delete the period after "International"

B3

On page 8	line 7 ✓	after "technique", delete the word "method"
On page 9	line 1 ✓	delete "component"
		after applied, add -to-
	line 6 ✓	change "which" to -that-
	line 18 ✓	change "or" to -of-
On page 10	line 2 ✓	change "to an mass" to -to a mass-
	line 5 ✓	change "were described" to -was also described-
On page 11	line 7 ✓	after "will", add -be-
	line 18 ✓	change "which" to -that-
On page 12	line 16 ✓	change "which" to -that-
	line 21 ✓	after "operated" delete "as"
On page 13	line 1 ✓	after "pulsed into" add -the-
	line 2 ✓	after "does" add -not-
On page 15	line 15 ✓	change "API/multipole on guide" to -API/multipole ion guide-
On Page 16	line 8 ✓	change "continuos" to -continuous-
On page 20	line 16 ✓	after "these ions" delete "are"
On page 23	line 2 ✓	change "In this mode" to "In this operating mode"
	line 4 ✓	after "continuously", delete "to"
	line 7 ✓	change "enter" to -entering TOF pulsing region 30-
	line 8 ✓	after "between lenses 34 and 35", add -,- (at the end of the line)
	line 9 ✓	after "polarity", add -,-

- line 20 ✓ after "and an" add -ion-
- line 21 ✓ change "are pulsed, the duty" to "are pulsed. The duty"
- On page 24 line 1 ✓ after "respectively", add -at a 10 KHz TOF pulse rate"
- line 2 ✓ change "which" to -that-
- line 3 ✓ change "trajectories on ions through the multipole ion guide for the desired m/z range" to -trajectories for ions traversing the multipole ion guide length-
- line 6 ✓ change "TOF rate" to -TOF pulse rate above 10 KHz-
- line 18 ✓ change "average ion energy" to "average kinetic energy"
- On page 25 line 4 ✓ change "end 60 are rejected from leaving the exit end by" to -end 60 are prevented from leaving the entrance end-
- On page 26 line 11 ✓ change "to some degree" to -in part-
- line 20 ✓ change "sweetspot" to -sweet spot-
- On page 28 line 10 ✓ after "subtracted", add -from-
- On page 30 line 13 ✓ change "several fragments ions" to -several fragment ions-
- line 18 ✓ after "Thus", add -,-
- On page 33 line 11 ✓ after "values", delete "will"
- On page 39 line 12 ✓ after "acquisition", add -,-
- On page 40 line 19 change "sequence above for higher generation fragment ion for the desired number times to create the" to -sequence above for the required number of times to create the-

B3

64